

13. (New) The method of claim 12 wherein in the spraying step the liquid that is sprayed toward the surface is sprayed such that it extends to the surface and beyond the surface.

14. (New) The method of claim 12 wherein in the spraying step the liquid that is sprayed is sprayed toward and against two parallel spaced solid flat surfaces.

15. (New) The method of claim 14 further comprising the step of sucking the effluent gas past the surfaces and the spray to humidify the gas.

16. (New) The method of claim 14 wherein the spraying step further comprises spraying a first spray against one of the parallel surfaces and spraying a second spray against the second of the parallel surfaces.

17. (New) The method of claim 16 wherein the spray sprayed toward each surface is emitted generally centrally of that surface.

18. (New) A method for removing impurities from an effluent gas stream comprising the steps of:

spraying a liquid from a first source toward a solid, flat, horizontally located first surface to form a film of liquid on that first surface;

spraying a liquid from a second source toward a solid, flat, horizontally located second surface to form a film of liquid on that second surface;

passing effluent gas past the surfaces and the sprayed liquid to cause the gas to mix with the liquid.